## SEQUENCE LISTING

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       Sode, Koji
       GLUCOSE DEHYDROGENASE/CYTOCHROME FUSION PROTEIN
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       PatentIn version 3.1
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. tcagcatttg ctgatgttcc tctaactcca tctcaatttg ctaaagcgaa atcagagaac
                                                                       120
 tttgacaaga aagttattct atctaatcta aataagccgc atgctttgtt atggggacca
                                                                       180
 qataatcaaa tttggttaac tqagcgagca acaqqtaaga ttctaagagt taatccaqaq
                                                                       240
 tcgggtagtg taaaaacagt ttttcaggta ccagagattg tcaatgatgc tgatgggcag
                                                                       300
 aatggtttat taggttttgc cttccatcct gattttaaaa ataatcctta tatctatatt
                                                                       360
 tcaggtacat ttaaaaatcc gaaatctaca gataaagaat taccgaacca aacgattatt
                                                                       420
 cgtcgttata cctataataa atcaacagat acgctcgaga agccagtcga tttattagca
                                                                       480
 ggattacctt catcaaaaga ccatcagtca ggtcgtcttg tcattgggcc agatcaaaag
                                                                       540
 atttattata cgattggtga ccaagggcgt aaccagcttg cttatttgtt cttgccaaat
                                                                       600
 caaqcacaac atacgccaac tcaacaagaa ctgaatggta aagactatca cacctatatg
                                                                       660
 ggtaaagtac tacgcttaaa tcttgatgga agtattccaa aggataatcc aagttttaac
                                                                       720
 ggggtggtta gccatattta tacacttgga catcgtaatc cgcagggctt agcattcact
                                                                       780
 ccaaatggta aattattgca gtctgaacaa ggcccaaact ctgacqatqa aattaacctc
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 attgtcaaag gtggcaatta tggttggccg aatgtagcag gttataaaga tgatagtggc
                                                                       900
 tatgcttatg caaattattc agcagcagcc aataagtcaa ttaaggattt agctcaaaat
                                                                       960
 gqaqtaaaag tagccgcagq qqtccctgtg acgaaaqaat ctgaatggac tggtaaaaac
                                                                      1020
 tttqtcccac cattaaaaac tttatatacc gttcaagata cctacaacta taacgatcca
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 acttgtggag agatgaceta catttgctgg ccaacagttg caccgtcatc tgcctatgtc
                                                                      1140
 tataagggcg gtaaaaaagc aattactggt tgggaaaata cattattggt tccatcttta
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 aaacgtggtg tcattttccg tattaaqtta qatccaactt ataqcactac ttatqatqac
                                                                      1260
 gctgtaccga tgtttaagag caacaaccgt tatcqtqatq tgattqcaaq tccaqatqqq
                                                                      1320
 aatgtcttat atgtattaac tgatactqcc qqaaatgtcc aaaaaqatga tgqctcagta
                                                                      1380
 acaaatacat tagaaaaccc aggatetete attaagttea cetataagge taaggagete
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 ggcaaggcca ggatgccgga gttcgtgqcc cagcgcaccg gccagttgct gcagggcqtg
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 aaatacgacc ccgccaaggt cqagqccqqc accatqctqt atqtqqccaa ctqcqttttc
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gcgagctata tcgagaacct gccaaacttt gtcttcaagg gcccggccat ggtgcgcgc 1680 atgccggact tcacgggcaa gttgtcgggc gatgacgtgg agtccctcaa ggccttcatc 1740 cagggcacgg cggacgccat ccggcccaag ccctga 1776

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                             40
 Asn Leu Asn Lys Pro His Ala Leu Leu Trp Gly Pro Asp Asn Gln Ile
                         55
                                             60
 Trp Leu Thr Glu Arg Ala Thr Gly Lys Ile Leu Arg Val Asn Pro Glu
                     70
                                         75
 Ser Gly Ser Val Lys Thr Val Phe Gln Val Pro Glu Ile Val Asn Asp
                 8.5
                                     90
 Ala Asp Gly Gln Asn Gly Leu Leu Gly Phe Ala Phe His Pro Asp Phe
             100
                                 105
                                                      110
· Lys Asn Asn Pro Tyr Ile Tyr Ile Ser Gly Thr Phe Lys Asn Pro Lys
                             120
                                                  125
 Ser Thr Asp Lys Glu Leu Pro Asn Gln Thr Ile Ile Arg Arg Tyr Thr
                         135
                                             140
 Tyr Asn Lys Ser Thr Asp Thr Leu Glu Lys Pro Val Asp Leu Leu Ala
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 Gly Leu Pro Ser Ser Lys Asp His Gln Ser Gly Arg Leu Val Ile Gly
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 Pro Asp Gln Lys Ile Tyr Tyr Thr Ile Gly Asp Gln Gly Arg Asn Gln
             180
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 Leu Ala Tyr Leu Phe Leu Pro Asn Gln Ala Gln His Thr Pro Thr Gln
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 Gln Glu Leu Asn Gly Lys Asp Tyr His Thr Tyr Met Gly Lys Val Leu
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Arg Leu Asn Leu Asp Gly Ser Ile Pro Lys Asp Asn Pro Ser Phe Asn
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Gly Val Val Ser His Ile Tyr Thr Leu Gly His Arg Asn Pro Gln Gly
                 245
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Leu Ala Phe Thr Pro Asn Gly Lys Leu Leu Gln Ser Glu Gln Gly Pro
             260
                                 265
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Asn Ser Asp Asp Glu Ile Asn Leu Ile Val Lys Gly Gly Asn Tyr Gly
                             280
                                                 285
Trp Pro Asn Val Ala Gly Tyr Lys Asp Ser Gly Tyr Ala Tyr Ala
                         295
                                             300
Asn Tyr Ser Ala Ala Ala Asn Lys Ser Ile Lys Asp Leu Ala Gln Asn
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Gly Val Lys Val Ala Ala Gly Val Pro Val Thr Lys Glu Ser Glu Trp
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Thr Gly Lys Asn Phe Val Pro Pro Leu Lys Thr Leu Tyr Thr Val Gln
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Asp Thr Tyr Asn Tyr Asn Asp Pro Thr Cys Gly Glu Met Thr Tyr Ile
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Cys Trp Pro Thr Val Ala Pro Ser Ser Ala Tyr Val Tyr Lys Gly Gly
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Lys Lys Ala Ile Thr Gly Trp Glu Asn Thr Leu Leu Val Pro Ser Leu
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Lys Arg Gly Val Ile Phe Arg Ile Lys Leu Asp Pro Thr Tyr Ser Thr
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Thr Tyr Asp Asp Ala Val Pro Met Phe Lys Ser Asn Asn Arg Tyr Arg
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            420
Asp Val Ile Ala Ser Pro Asp Gly Asn Val Leu Tyr Val Leu Thr Asp
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Thr Ala Gly Asn Val Gln Lys Asp Asp Gly Ser Val Thr Asn Thr Leu
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Glu Asn Pro Gly Ser Leu Ile Lys Phe Thr Tyr Lys Ala Lys Glu Leu
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Gly Lys Ala Arg Met Pro Glu Phe Val Ala Gln Arg Thr Gly Gln Leu
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Leu Gln Gly Val Lys Tyr Asp Pro Ala Lys Val Glu Ala Gly Thr Met
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Leu Tyr Val Ala Asn Cys Val Phe Cys His Gly Val Pro Gly Val Asp
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Arg Gly Gly Asn Ile Pro Asn Leu Gly Tyr Met Asp Ala Ser Tyr Ile
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Glu Asn Leu Pro Asn Phe Val Phe Lys Gly Pro Ala Met Val Arg Gly
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